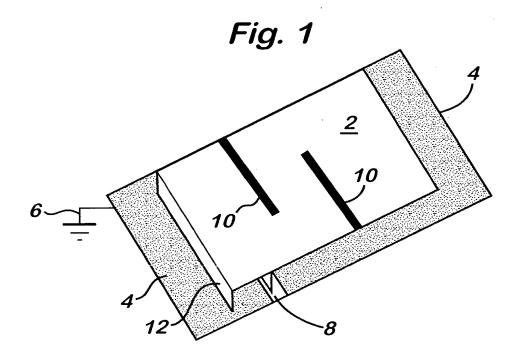
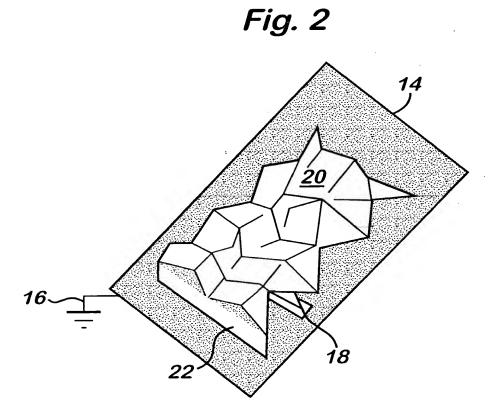


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# **PRIOR ART**





2/4 **Fig. 3** 

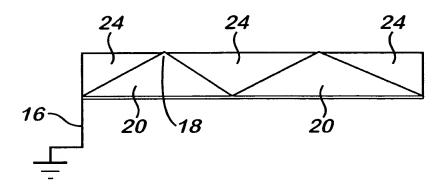


Fig. 4(a)

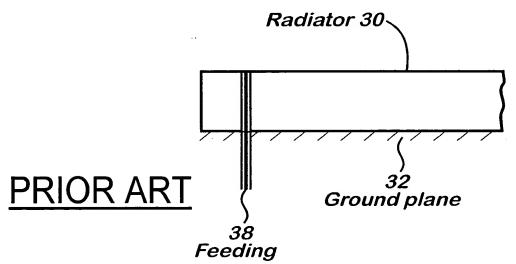
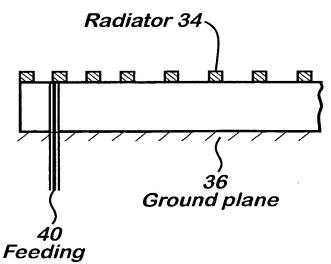


Fig. 4(b)



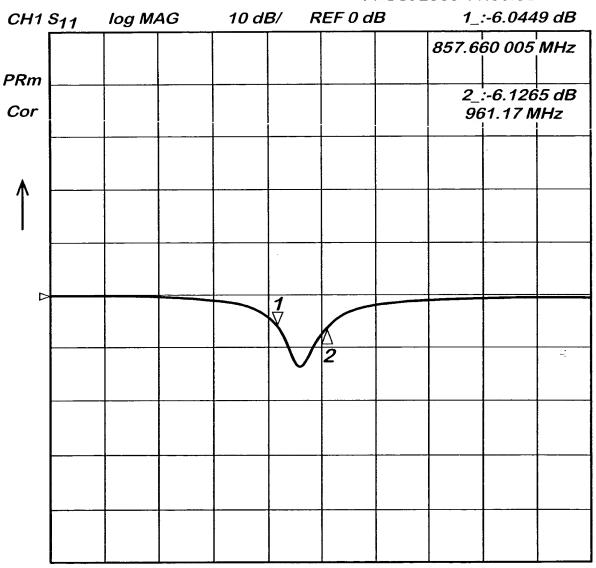


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## Fig. 5(a)

#### Flat PIFA

11 Oct 2000 11:50:53



START 400.000 000 MHz

STOP 1 500.000 000 MHz

-6db bandwidth = 103.51 MHz



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### Fig. 5(b)

### Shaped PIFA

11 Oct 2000 11:52:13 CH1 S<sub>11</sub> log MAG 10 dB/ REF 0 dB 1\_:-6.0552 dB 859.860 005 MHz **PRm** 2:-6.1067 dB Cor 980.64 MHz

START 400.000 000 MHz

STOP 1 500.000 000 MHz

-6db bandwidth = 120.74 MHz